

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING APPLICATION UNDER 37 C.F.R. 1.53(b)  
WITHOUT FILING FEE AND/OR WITHOUT EXECUTED INVENTOR'S DECLARATION

**Mail Stop Patent Application**

Atty. Dkt. 2476-37

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: December 9, 2003

This is a request for filing a new PATENT APPLICATION under Rule 53(b) entitled:  
**PROGRAMMABLE PHOTOLITHOGRAPHIC MASK BASED ON SEMICONDUCTOR NANO-PARTICLE OPTICAL MODULATORS**

without a filing fee and/or without an executed inventor's oath/declaration.

This application is made by the below identified inventor(s). Attached hereto are the following papers:

- ☐ Newly executed Declaration, ☐ Copy of Declaration from prior application, ☒ Abstract  
☐ Please **delete** the following inventors in the continuation/division/continuation-in-part application:

**Deleted persons:**

27 pages of specification and claims (including 39 numbered claims), and  
10 sheets of accompanying drawing/s.

☐ Attached is a Power of Attorney.

☒ This application claims the benefit of Provisional Application No. 60/431,726, filed 09 December 2002, the entire content of which is hereby incorporated by reference in this application.

☐ Petition filed in prior application to extend its life to insure co-pendency.

☐ The prior application is assigned to ,

☐ It is hereby requested that the Examiner consider the art cited in the above parent application(s) by applicant and/or the Examiner for the reasons stated therein. A listing of that art is attached, but pursuant to Rule 98(d) copies are not required.

☐ Applicant claims "small entity" status. ☐ "Small entity" statement attached.

☐ Also attached: ☐ Information Disclosure Statement; ☐ Non-Publication Request; ☐ Nucleotide and/or Amino Acid Sequence Submission; ☐ Statement deleting Inventor(s) named in prior application; ☐ Other:

1. Inventor: Zhiyun Chen China  
(first) MI (last) (citizenship)  
Residence: (city) Alexandria (state/country) Virginia  
Mailing Address: c/o 8119 Heatherton Ln. #204, Vienna, Virginia  
(Zip Code) 22180
2. Inventor: Gregory D. Cooper U.S.A.  
(first) MI (last) (citizenship)  
Residence: (city) Vienna (state/country) Virginia  
Mailing Address: c/o 8119 Heatherton Ln. #204, Vienna, Virginia  
(Zip Code) 22180
3. Inventor: Serpil Gönen Turkey  
(first) MI (last) (citizenship)  
Residence: (city) College Park (state/country) Maryland  
Mailing Address: c/o 8119 Heatherton Ln. #204, Vienna, Virginia  
(Zip Code) 22180
4. Inventor: Erin F. Fleet U.S.A.  
(first) MI (last) (citizenship)  
Residence: (city) Springfield (state/country) Virginia  
Mailing Address: c/o 8119 Heatherton Ln. #204, Vienna, Virginia  
(Zip Code) 22180

☐ See attached sheet(s) for additional inventor(s) information!!

Address all future communications to NIXON & VANDERHYE P.C., 1100 North Glebe Road, 8<sup>th</sup> Floor, Arlington, VA 22201.

Correspondence Address:

NIXON & VANDERHYE P.C.

**Customer Number:**

**23117**

By Atty: Robert W. Faris, Reg. No. 31,352

Telephone: (703) 816-4000

Facsimile: (703) 816-4100

RWF:ej

Signature: 